

Message

From: Haxton, Terra [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=E76C9AAA93B24C6C86C32D636AA5303F-BARANOWSKI, TERRA]
Sent: 9/26/2018 12:22:08 PM
To: Murray, Regan [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=4b06d968152a4cefb83c9864ff5c89c6-Murray, Regan]; Burkhardt, Jonathan [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=2b0b6b8df43946f39cf56383ba809cbb-Burkhardt,]
Subject: Applicant for Resilience ORISE Position
Attachments: prosa.py; finalFunctions.f90; hassett_Application_Mentor.pdf

Hi Regan and Jon,

Please find attached the application and some of code from the latest applicant for the resilience ORISE opportunity. This is the person who was talking to Michael at the EWRI conference after the open-source EPANET session. He seems to have some experience with programming (Fortran, python).

Please let me know what you think. I'm planning on talking to him around 3:30 this afternoon.

Jon -- I would appreciate your thoughts on the code, since that is not my area of expertise.

Thanks,
Terra

From: Patrick S. Hassett [mailto:pshassett@humboldt.edu]
Sent: Tuesday, September 25, 2018 4:17 PM
To: Haxton, Terra <Haxton.Terra@epa.gov>
Subject: Re: Post-Doc Research Position

Hi Terra,

I am just following up on my pending application. Also, I have attached my code from the research project that I was a part of to give you an idea of my current skill level with Python. We were using the Appjar library to develop a user-interface for our Pressure-Retarded Osmosis (PRO) Fortran model. Best,

Patrick

On Mon, Sep 10, 2018 at 2:47 PM Haxton, Terra <Haxton.Terra@epa.gov> wrote:

Hi Patrick,

Thank you for letting me know. I'll check the system, so that I can begin to review your application. I'll let you know if I have any follow-up questions.

Thanks again for your interest,

Terra

Terra Haxton, Ph.D.
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From: Patrick S. Hassett [mailto:pshassett@humboldt.edu]
Sent: Monday, September 10, 2018 4:59 PM
To: Haxton, Terra <Haxton.Terra@epa.gov>
Subject: Re: Post-Doc Research Position

Terra,

I have finally gotten both of my references submitted so the application accessible to you via Zintellelect. Thank you for your patience, I am still very interested in this opportunity. Hope to hear back from you soon. Thanks,

Patrick Hassett

On Sat, Jul 21, 2018, 10:55 AM Patrick S. Hassett <pshassett@humboldt.edu> wrote:

Hi Terra,

Yes, I am still waiting on my references. I will notify you once they are submitted. Thanks!

Patrick

On Wed, Jul 18, 2018, 2:12 PM Haxton, Terra <Haxton.Terra@epa.gov> wrote:

Hi Patrick,

I'm following up on your submittal of your application to the post-doc research position. I still have not seen it arrive in the Zintellect system for me to review. Have you submitted all of the required documents, including references? If you could let me know, I would appreciate it. This would help me track down if there is an issue on Zintellect's side.

Thanks again for your interest,

Terra

Terra Haxton, Ph.D.
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From: Patrick S. Hassett [<mailto:pshassett@humboldt.edu>]
Sent: Thursday, June 28, 2018 4:39 PM
To: Haxton, Terra <Haxton.Terra@epa.gov>
Subject: Re: Post-Doc Research Position

Terra,

Thanks for the info, I have submitted my application. I look forward to hearing from you again soon. Best,

Patrick Hassett

On Wed, Jun 13, 2018, 2:43 PM Haxton, Terra <Haxton.Terra@epa.gov> wrote:

Hi Patrick,

Thanks for following-up after our discussion at the EWRI conference. Please find information about our post-doc position opening below.

An ORISE research opportunity with U.S. EPA's Office of Research and Development – National Homeland Security Research Center (NHSRC) is available to any U.S. citizen that has graduated within the last 5 years with either a bachelor's, master's or doctoral degree in one of the engineering disciplines (e.g., civil, environment, mechanical, chemical). The area of research is focused on modeling the resilience of water distribution systems. The announcement is available on <http://orise.orau.gov/epa/> under EPA-ORD-NHSRC-2017-03. You can click on Current Research Opportunities to search for it. A summary of the announcement is provided below.

Opportunity Details

Opportunity Title: Modeling Resilience of Drinking Water Systems

Reference Code: EPA-ORD-NHSRC-2017-3

Description: The participant will conduct research on a project to analyze the systems-level impacts of natural and man-made disasters on water systems and to evaluate approaches to increase resilience to such disasters and to intentional incidents. The participant will also be a member of a software development team that is leading the development of a drinking water distribution system resilience tool. The team conducts a broad range of activities supporting EPA's efforts to prepare and protect drinking water systems from natural disasters and terrorist attacks. The participant can expand the research project to include additional components from the team's activities, and can participate in a variety of challenging and rewarding projects. With guidance from a mentor, the research participant will conduct the following activities:

- Reviewing literature for natural disasters and other emergency incidents that have affected drinking water utilities.
- Gathering knowledge and data related to these incidents that could be used for modeling, simulation and analysis for case study applications.
- Evaluating and testing EPA's drinking water distribution system resilience tool on specific case study applications.
- Writing code and producing documentation.

- Testing and applying related water security software tools.
- Writing, reviewing, and editing scientific reports and presenting data at national conferences.
- Participating in relevant meetings and communications between researchers and stakeholders.

If you have any questions, please let me know.

Thanks,

Terra

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From: Patrick S. Hassett [<mailto:pshassett@humboldt.edu>]
Sent: Thursday, June 07, 2018 3:40 PM
To: Haxton, Terra <Haxton.Terra@epa.gov>
Subject: Post-Doc Research Position

Hi Terranna,

We met earlier at the open source EPANET session and you mentioned that there is a post-doc position open in your office in Cincinnati. If you could send me more information about the position that would be great. I would be very interested contributing on software development projects. Thanks,

Patrick Hassett

510.610.2024